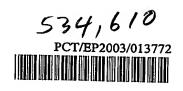
Translation





PCT

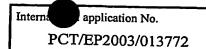
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	
P27542/WO Kf	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/month/year) Priority date (day/month/year)
PCT/EP2003/013772	05 December 2003 (05.12.2003) 03 January 2003 (03.01.2003)
International Patent Classification (IPC) or na H05K 5/02	ational classification and IPC
Applicant	
RHO	ODE & SCHWARZ GMBH & CO. KG
 This international preliminary examinand is transmitted to the applicant account. 	nation report has been prepared by this International Preliminary Examining Authority cording to Article 36.
2. This REPORT consists of a total of _	7 sheets, including this cover sheet.
This report is also accompanie amended and are the basis for 70.16 and Section 607 of the A	ed by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been this report and/or sheets containing rectifications made before this Authority (see Rule Administrative Instructions under the PCT).
These annexes consist of a tota	
3. This report contains indications relating	ng to the following items:
I Basis of the report	·
II Priority	
III Non-establishment of	opinion with regard to novelty, inventive step and industrial applicability
IV Lack of unity of inven	
V Reasoned statement ur citations and explanati	nder Article 35(2) with regard to novelty, inventive step or industrial applicability; ions supporting such statement
VI Certain documents cite	
VII Certain defects in the i	international application
VIII Certain observations of	on the international application
Date of submission of the demand	Date of completion of this report
07 July 2004 (07.07.200	
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

Form PCT/IPEA/409 (cover sheet) (July 1998)

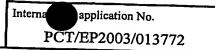
INTERNATIONAL PRELIMINARY EXAMINATION REPORT



I. Basis of the report	TC1/EF2003/013//2
1. With regard to the elements of the international application:*	
the international application as originally filed	
the description:	
pages 1-31	
pages	, as originally filed
pages, filed with the le	, filed with the demand
the claims;	
narres	
1-30	, as originally filed
pages , as amended	
pages	, filed with the demand
pages, filed with the le	etter of
the drawings:	
pages 1/15-15/15	, as originally filed
pages	, filed with the demand
pages, filed with the le	etter of
the sequence listing part of the description:	

pages	
pages, filed with the let	, filed with the demand
With regard to the language, all the elements marked above were available or furnish the international application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language the language of a translation furnished for the purposes of international search (the language of publication of the international application (under Rule 48.3(b)) the language of the translation furnished for the purposes of international preor 55.3). With regard to any nucleotide and/or amino acid sequence disclosed in the preliminary examination was carried out on the basis of the sequence listing: contained in the international application in written form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing d international application as filed has been furnished. The statement that the information recorded in computer readable form is in been furnished.	which is: (under Rule 23.1(b)).). eliminary examination (under Rule 55.2 and/ international application, the international
The amendments have resulted in the cancellation of: the description, pages the claims, Nos. the drawings, sheets/fig This report has been established as if (some of) the amendments had not been no beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)). Replacement sheets which have been furnished to the receiving Office in response to a in this report as "originally filed" and are not annexed to this report since they and 70.17). Any replacement sheet containing such amendments must be referred to under item 1 and 1 an	in invitation under Article 14 are referred to o do not contain amendments (Rule 70.16
amenuments must be referred to under item 1 an	nd annexed to this report.
m PCT/IPRA/400 (Pox I) (July 1000)	

INTERNATIONAL PRELID. RY EXAMINATION REPORT



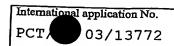
	questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to
	the entire international application.
\square	
	claims Nos1-18
becau	
	the said international application, or the said claims Nos.
	relate to the following subject matter which does not require an international preliminary examination (specify):
	,
\leq	the description, claims or drawings (indicate particular elements below) or said claims Nos
	e the supplemental sheet
41	
] th	ne claims, or said claims Nos. y the description that no meaningful opinion could be formed are so inadequately supported
- J 0	y the description that no meaningful opinion could be formed.
- זס ד	y the description that no meaningful opinion could be formed.
no	y the description that no meaningful opinion could be formed. o international search report has been established for said claims Nos
neaning	y the description that no meaningful opinion could be formed. o international search report has been established for said claims Nos gful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid listing to comply with the standard provided for in Annex C of the Administrative Instructions.
neaning uence	y the description that no meaningful opinion could be formed. o international search report has been established for said claims Nos gful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid listing to comply with the standard provided for in Annex C of the Administrative Instructions.
neaning	y the description that no meaningful opinion could be formed. o international search report has been established for said claims Nos

INTERNATIONAL PRELITERY EXAMINATION REPORT

Interna	application No.
PCT	EP2003/013772

V. Lack of unity of invention	PCT/EP2003/013772
. In response to the invitation to restrict or pay additional fees the applicant has:	
restricted the claims.	
paid additional fees.	
paid additional fees under protest.	
neither restricted nor paid additional fees.	
This Authority found that the requirement of unity of invention is not complied with not to invite the applicant to restrict or pay additional fees.	h and chose, according to Rule 68.1,
This Authority considers that the requirement of unity of invention in accordance with Ru	J- 12 1 10 1
complied with.	nes 13.1, 13.2 and 13.3 is
not complied with for the following reasons:	
sequently, the following parts of the international application were the subject of internati	lamal 11 A
	onal preliminary examination
all parts. the parts relating to claims Nos	
I the ports relation to the second	

INTERNATIONAL PRELIPCIARY EXAMINATION REPORT



Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes III. and IV.

Regarding Box III.

 Claims 1 and 12 were written as separate independent claims.

However, they appear to refer in fact to one and the same subject matter, that is a module for a measuring instrument, the module comprising a plug-in contact element for electrical contacting of a data transfer plug-and-socket plate of the measuring instrument.

The measuring instrument module according to claim 1 comprises, inter alia, a main printed-circuit board disposed in a first p.c.b. area, which is formed by at least one frame element.

The measuring instrument module according to claim 12 comprises, inter alia, a base element with a first p.c.b. area that is suitable for accommodating a printed-circuit board and with a second p.c.b. area.

Claims 1 and 12 obviously differ, then, only by divergent definitions of the subject matter for which protection is sought, or rather by the terms used to define the features of this subject matter.

Hence, claims 1 and 12 are not clear and concise and do not meet the requirements of PCT Article 6.

 In light of the above objection, the application cannot at present be fully examined. Supplemental Box

1.

(To be used when the space in any of the preceding boxes is not sufficient)

a second p.c.b. area.

Continuation of: Boxes III. and IV.

Regarding Box IV.

The present application comprises two different inventions that are not so linked as to form a single general inventive concept: Claims 1 and 12 are directed to a module for a measuring instrument, said module comprising a plug contact element for electrical contacting of a data transfer plug-and-socket plate of the measuring instrument, said module comprising a main printedcircuit board disposed in a first p.c.b. area or said module comprising a base element with a first p.c.b. area to accommodate a printed board and with

Claim 19 is directed to a measuring instrument with plug-in measuring instrument modules that are connected through a plug-and-socket plate with an information-output device on a front side of the measuring instrument, where the modules can be plugged in from a back side facing away from the information-output device, a recess being provided in the front side of the measuring instrument, making an electrical connection accessible at least for some of the plugged-in measuring instrument modules.

Independent claims 1, 12 and 19 therefore have no technical features in common that substantiate an inventive step.

INTERNATIONAL PRELIMARY EXAMINATION REPORT



Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes III. and IV.

Nor do they contain any common technical features that solve a common technical problem.

Claims 1 and 12 are directed to a measuring instrument module wherein the protective system against electromagnetic radiation can be disposed on the printed-circuit board itself.

Claim 19 is directed to a measuring instrument wherein the front side of the measuring instrument is given a recess that allows access to an electrical connection.

For the above reasons, the international application contains multiple inventions or groups of inventions that are not linked by a single general inventive concept (PCT Rule 13.1).

v.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Statement			
Novelty (N)	Claims	19-30	YES
	Claims		NO
Inventive step (IS)	Claims	19-30	YES
	Claims		NO
Industrial applicability (IA)	Claims	19-30	YES
	Claims		NO
Citations and explanations			

DE-A-3933643 discloses (cf. column 1, lines 3-19 and 1. fig. 1, 4, 10, 11) a measuring instrument with plugin modules, said modules 25 being connected through a plug-and-socket plate to an information-output device 50a on the front side of the measuring instrument (cf. column 5, lines 58-62; column 6, lines 2-10 and fig. 10-11), where said modules can be plugged in from a back side facing away from the information-output device (cf. column 6, lines 2-10 and fig. 10-11).

The subject matter of claim 19 thus differs from the prior art described in DE-A-3933643 in that a recess is provided in the front side of the measuring instrument by which an electrical connection is accessible at least for some of the plugged-in measuring instrument modules.

The subject matter of claim 19 is therefore novel. The problem addressed with claim 19 is that of devising a measuring instrument with plug-in measuring instrument modules enabling a user to operate comfortably from the side of the display device.

None of the documents cited in the search report discloses or suggests the claimed solution.

US-A-6011701 discloses a drawer module that can be pushed into a housing. This drawer has openings that provide cooling or allow insertion of data carriers.

US-A-2001/0032847 discloses a housing for a memory card.

Claim 19 thus also meets the PCT requirements for inventive step.

Claims 20-30 are dependent on claim 19 and thus also meet the PCT requirements for novelty and inventive step.